

1FW16

CRF Errors Edited by the STIC Systems Branch

Serial Number: 09/870,375A

CRF Edit Date: 9/20/04
Edited by: AZ

ENTERED
Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:

✓

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

16

Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

✓

Other:

Sequence 22- changed <4007 to <2107



IFW16

RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/870,375A

TIME: 11:52:50

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\09202004\I870375A.raw

3 <110> APPLICANT: Greuber et al.
5 <120> TITLE OF INVENTION: CHIMERIC PLANT PROMOTERS AND PLANTS CONTAINING THE SAME
7 <130> FILE REFERENCE: 18433/2022
9 <140> CURRENT APPLICATION NUMBER: 09/870,375A
10 <141> CURRENT FILING DATE: 2001-05-30
12 <150> PRIOR APPLICATION NUMBER: PCT/IB00/01383
13 <151> PRIOR FILING DATE: 2000-09-28
15 <160> NUMBER OF SEQ ID NOS: 38
17 <170> SOFTWARE: PatentIn Ver. 2.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 417
21 <212> TYPE: DNA
22 <213> ORGANISM: Triticum aestivum
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25 <221> NAME/KEY: misc_feature
26 <222> LOCATION: (22)..(29)
27 <223> OTHER INFORMATION: Prolamine- like box
29 <220> FEATURE:
30 <221> NAME/KEY: misc_feature
31 <222> LOCATION: (70)..(73)
32 <223> OTHER INFORMATION: GATA box
34 <220> FEATURE:
35 <221> NAME/KEY: misc_feature
36 <222> LOCATION: (87)..(90)
37 <223> OTHER INFORMATION: GATA box
39 <220> FEATURE:
40 <221> NAME/KEY: misc_feature
41 <222> LOCATION: (127)..(133)
42 <223> OTHER INFORMATION: Prolamine-like box
44 <220> FEATURE:
45 <221> NAME/KEY: misc_feature
46 <222> LOCATION: (161)..(168)
47 <223> OTHER INFORMATION: G-like box
49 <220> FEATURE:
50 <221> NAME/KEY: enhancer
51 <222> LOCATION: (193)..(230)
52 <223> OTHER INFORMATION: Enhancer box
54 <220> FEATURE:
55 <221> NAME/KEY: TATA_signal
56 <222> LOCATION: (349)..(355)
57 <223> OTHER INFORMATION: TATA box
59 <220> FEATURE:
60 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/870,375A

TIME: 11:52:50

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\09202004\I870375A.raw

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61 <222> LOCATION: (379)
62 <223> OTHER INFORMATION: Transcription initiation site
64 <400> SEQUENCE: 1
65 agcttttgagt ggccgtagat ttgcaaaagc aatggctaac agacacatat tctgccaaac 60
66 cccaagaagg ataatacatt ttcttagata aaaaagaaca gaccaatata caaacatcca 120
67 cactttctgca aacaatacat cagaactagg attacgccga ttacgtggct ttagcagact 180
68 gtccaaaaaat ctgttttgca aagctccaat tgctccttgc ttatccagct tcttttgtgt 240
69 tggcaaaactg cgcttttcca accgattttg ttcttctcgc gctttcttct taggctaaac 300
70 aaacctcacc gtgcacgcag ccattggtcct gaaccttcac ctgcgcccta taaaagccta 360
71 gccaaccttc acaatttat catcaccac aacaccgagc accacaaact agagatc 417
74 <210> SEQ ID NO: 2
75 <211> LENGTH: 181
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:MPr1126
81 promoter
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84 <221> NAME/KEY: TATA_signal
85 <222> LOCATION: (113)..(119)
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88 <220> FEATURE:
89 <221> NAME/KEY: misc_feature
90 <222> LOCATION: (143)
91 <223> OTHER INFORMATION: Transcription Initiation site
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94 gtgttgccaa actgcgcttt tccaaccgat tttgttcttc tcgcgctttc ttcttaggct 60
95 aaacaaacct caccgtgcac gcagccatgg tctgaacct tcacctcgtc cctataaaag 120
96 cctagccaac cttcacatc ttatcatcac ccacaacacc gagcaccaca aactagagat 180
97 c 181
100 <210> SEQ ID NO: 3
101 <211> LENGTH: 244
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence:MPr1127
107 promoter
109 <220> FEATURE:
110 <221> NAME/KEY: enhancer
111 <222> LOCATION: (20)..(57)
112 <223> OTHER INFORMATION: Enhancer box
114 <220> FEATURE:
115 <221> NAME/KEY: TATA_signal
116 <222> LOCATION: (176)..(182)
117 <223> OTHER INFORMATION: TATA box
119 <220> FEATURE:
120 <221> NAME/KEY: misc_feature
121 <222> LOCATION: (206)
122 <223> OTHER INFORMATION: Transcription Initiation site

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RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/870,375A

TIME: 11:52:50

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\09202004\I870375A.raw

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124 <400> SEQUENCE: 3
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126 tttgtgttgg caaactgccc ttttccaacc gattttgttc ttctcgcgct ttcttcttag 120
127 gctaaacaaa cctcaccgtg caccgcagcca tggctctgaa ccttcacctc gtccctataa 180
128 aagcctagcc aaccttcaca atcttatcat caccacaaac accgagcacc acaaactaga 240
129 gatc 244
132 <210> SEQ ID NO: 4
133 <211> LENGTH: 277
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence:MPR1128
139 promoter
141 <220> FEATURE:
142 <221> NAME/KEY: misc_feature
143 <222> LOCATION: (21)..(28)
144 <223> OTHER INFORMATION: G-like box
146 <220> FEATURE:
147 <221> NAME/KEY: enhancer
148 <222> LOCATION: (53)..(90)
149 <223> OTHER INFORMATION: Enhancer box
151 <220> FEATURE:
152 <221> NAME/KEY: TATA_signal
153 <222> LOCATION: (209)..(215)
154 <223> OTHER INFORMATION: TATA box
156 <220> FEATURE:
157 <221> NAME/KEY: misc_feature
158 <222> LOCATION: (239)
159 <223> OTHER INFORMATION: Transcription Initiation Site
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162 cagaactagg attacgccga ttacgtggct ttagcagact gtccaaaaat ctgttttgca 60
163 aagctccaat tgctccttgc ttatccagct tcttttgtgt tggcaaactg cgcttttcca 120
164 accgattttg ttcttctcgc gctttcttct taggctaaac aaacctcacc gtgcacgcag 180
165 ccatggtcct gaaccttcac ctgcgtcccta taaaagccta gccaaccttc acaatcttat 240
166 catcacccac aacaccgagc accacaaact agagatc 277
169 <210> SEQ ID NO: 5
170 <211> LENGTH: 472
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence:MPR1130
176 promoter
178 <220> FEATURE:
179 <221> NAME/KEY: misc_feature
180 <222> LOCATION: (22)..(29)
181 <223> OTHER INFORMATION: Prolamine-like box
183 <220> FEATURE:
184 <221> NAME/KEY: misc_feature
185 <222> LOCATION: (70)..(73)

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RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/870,375A

TIME: 11:52:50

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\09202004\I870375A.raw

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186 <223> OTHER INFORMATION: GATA box
188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (87)..(90)
191 <223> OTHER INFORMATION: GATA box
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (127)..(133)
196 <223> OTHER INFORMATION: Prolamine-like box
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (161)..(168)
201 <223> OTHER INFORMATION: G-like box
203 <220> FEATURE:
204 <221> NAME/KEY: enhancer
205 <222> LOCATION: (193)..(230)
206 <223> OTHER INFORMATION: Enhancer box
208 <220> FEATURE:
209 <221> NAME/KEY: misc_feature
210 <222> LOCATION: (314)..(368)
211 <223> OTHER INFORMATION: As2/As2/As1 box
213 <220> FEATURE:
214 <221> NAME/KEY: TATA_signal
215 <222> LOCATION: (404)..(410)
216 <223> OTHER INFORMATION: TATA box
218 <220> FEATURE:
219 <221> NAME/KEY: misc_feature
220 <222> LOCATION: (434)
221 <223> OTHER INFORMATION: Transcription Initiation Site
223 <400> SEQUENCE: 5
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225 cccaagaagg ataatcactt ttcttagata aaaaagaaca gaccaatata caaacatcca 120
226 cactttctgca aacaatacat cagaactagg attacgccga ttacgtggct ttagcagact 180
227 gtccaaaaaat ctgtttttgca aagctccaat tgctccttgc ttatccagct tcttttgtgt 240
228 tggcaaaactg cgctttttcca accgattttg ttctttctgc gcttttctct taggctaaac 300
229 aaacctcacc gtgattgatg tgatatcaag attgatgtga tatctccact gacgtaaggg 360
230 atgacgcaca cgcagccatg gtctgaacc ttcacctcgt ccctataaaa gcctagccaa 420
231 ccttcacaat cttatcatca cccacaacac cgagcaccac aaactagaga tc 472
234 <210> SEQ ID NO: 6
235 <211> LENGTH: 455
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial Sequence:MPrl131
241 promoter
243 <220> FEATURE:
244 <221> NAME/KEY: misc_feature
245 <222> LOCATION: (22)..(29)
246 <223> OTHER INFORMATION: Prolamine-like box

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RAW SEQUENCE LISTING

DATE: 09/20/2004

PATENT APPLICATION: US/09/870,375A

TIME: 11:52:50

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\09202004\I870375A.raw

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250 <222> LOCATION: (70)..(73)
251 <223> OTHER INFORMATION: GATA box
253 <220> FEATURE:
254 <221> NAME/KEY: misc_feature
255 <222> LOCATION: (87)..(90)
256 <223> OTHER INFORMATION: GATA box
258 <220> FEATURE:
259 <221> NAME/KEY: misc_feature
260 <222> LOCATION: (127)..(133)
261 <223> OTHER INFORMATION: Prolamine-like box
263 <220> FEATURE:
264 <221> NAME/KEY: misc_feature
265 <222> LOCATION: (161)..(168)
266 <223> OTHER INFORMATION: G-like box
270 <400> SEQUENCE: 6
271 agcttttgagt ggccgtagat ttgcaaaagc aatgggctaac agacacatat tctgccaaac 60
272 cccaagaagg ataatcactt ttcttagata aaaaagaaca gaccaatata caaacatcca 120
273 cactttctgca aacaatacat cagaactagg attacgcgca ttacgtggct ttagcagact 180
274 gtccaaaaat ctgttttgca aagctccaat tgctccttgc ttatccagct tcttttgtgt 240
275 tggcaaaactg cgcttttcca accgattttg ttcttctcgc gctttcttct taggctaaac 300
276 aaacctcacc gtgattgatg tgatatctcc actgacgtaa gggatgacgc acacgcagcc 360
277 atggtcctga accttcacct cgtccctata aaagcctagc caaccttcac aatcttatca 420
278 tcaccacaaa caccgagcac cacaaactag agatc 455
280 <210> SEQ ID NO: 7
281 <211> LENGTH: 236
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence:MPrl133
287 promoter
289 <220> FEATURE:
290 <221> NAME/KEY: misc_feature
291 <222> LOCATION: (78)..(132)
292 <223> OTHER INFORMATION: As2/As2/As1 box
294 <220> FEATURE:
295 <221> NAME/KEY: misc_feature
296 <222> LOCATION: (198)
297 <223> OTHER INFORMATION: Transcription Initiation Site
299 <400> SEQUENCE: 7
300 gtgttggaac actgcgcttt tccaaccgat tttgttcttc tcgcgctttc ttcttaggct 60
301 aaacaaacct caccgtgatt gatgtgatat caagattgat gtgatatctc cactgacgta 120
302 agggatgacg cacacgcagc catggtcctg aaccttcacc tcgtccctat aaaagcctag 180
303 ccaaccttca caatcttatc atcaccacaca acaccgagca ccacaaacta gagatc 236
305 <210> SEQ ID NO: 8
306 <211> LENGTH: 299
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial Sequence

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VERIFICATION SUMMARY

DATE: 09/20/2004

PATENT APPLICATION: US/09/870,375A

TIME: 11:52:51

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\09202004\I870375A.raw

L:1100 M:112 C: (48) String data converted to lower case,



IFW16

RAW SEQUENCE LISTING

DATE: 09/17/2004

PATENT APPLICATION: US/09/870,375A

TIME: 09:55:40

Input Set : A:\final seq listing.TXT

Output Set: N:\CRF4\09172004\I870375A.raw

3 <110> APPLICANT: Greuber et al.
 5 <120> TITLE OF INVENTION: CHIMERIC PLANT PROMOTERS AND PLANTS CONTAINING THE SAME
 7 <130> FILE REFERENCE: 18433/2022
 9 <140> CURRENT APPLICATION NUMBER: 09/870,375A
 10 <141> CURRENT FILING DATE: 2001-05-30
 12 <150> PRIOR APPLICATION NUMBER: PCT/IB00/01383
 13 <151> PRIOR FILING DATE: 2000-09-28
 15 <160> NUMBER OF SEQ ID NOS: 38
 17 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

587 <210> SEQ ID NO: 16
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 590 <213> ORGANISM: Artificial Sequence
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 593 <223> OTHER INFORMATION: Description of Artificial Sequence:MPPr1197
 594 promoter
 596 <220> FEATURE:
 597 <221> NAME/KEY: TATA_signal
 598 <222> LOCATION: (28)..(34)
 599 <223> OTHER INFORMATION: TATA box
 601 <220> FEATURE:
 602 <221> NAME/KEY: misc_feature
 603 <222> LOCATION: (58)
 604 <223> OTHER INFORMATION: Transcription Initiation Site
 606 <400> SEQUENCE: 16

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E--> 608 atcaccacaca acaccgagca ccacaaacta gagatc 96 ← insert

785 <210> SEQ ID NO: 21
 786 <211> LENGTH: 358
 787 <212> TYPE: DNA
 788 <213> ORGANISM: Artificial Sequence
 790 <220> FEATURE:
 791 <223> OTHER INFORMATION: Description of Artificial Sequence:MPPr1216
 792 promoter
 794 <220> FEATURE:
 795 <221> NAME/KEY: misc_feature
 796 <222> LOCATION: (7)..(14)
 797 <223> OTHER INFORMATION: G-like box
 799 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 09/17/2004

PATENT APPLICATION: US/09/870,375A

TIME: 09:55:41

Input Set : A:\final seq listing.TXT

Output Set: N:\CRF4\09172004\I870375A.raw

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801 <222> LOCATION: (39)..(76)
802 <223> OTHER INFORMATION: Enhancer box
804 <220> FEATURE:
805 <221> NAME/KEY: misc_feature
806 <222> LOCATION: (102)..(109)
807 <223> OTHER INFORMATION: G-like box
809 <220> FEATURE:
810 <221> NAME/KEY: enhancer
811 <222> LOCATION: (134)..(171)
812 <223> OTHER INFORMATION: Enhancer box
814 <220> FEATURE:
815 <221> NAME/KEY: TATA_signal
816 <222> LOCATION: (290)..(296)
817 <223> OTHER INFORMATION: TATA box
819 <220> FEATURE:
820 <221> NAME/KEY: misc_feature
821 <222> LOCATION: (320)
822 <223> OTHER INFORMATION: Transcription Initiation Site
824 <400> SEQUENCE: 21
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826 ccttgcttat ccagcttctt ttgtgttggc ctacgacgac attacgtggc tttagcagac 120
827 tgtccaaaaa tctgttttgc aaagctccaa ttgctccttg cttatccagc ttcttttgtg 180
828 ttggcaaaact gcgcttttcc aaccgatttt gttcttctcg cgctttcttc ttaggctaaa 240
829 caaacctcac cgtgcacgca gccatgggtcc tgaaccttca cctcgctcct ataaaagcct 300
830 agccaacctt cacaatctta tcatcaccca caacaccgag caccacaaac tagagatc 358

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E--> 832 <210> SEQ ID NO:

E--> 832 <211> LENGTH:

E--> 832 <212> TYPE:

E--> 832 <213> ORGANISM:

E--> 832 <400> SEQUENCE: 22

E--> 832 22

833 <211> LENGTH: 453

834 <212> TYPE: DNA

835 <213> ORGANISM: Artificial Sequence

W--> 837 <220> FEATURE:

W--> 838 <223> OTHER INFORMATION: Description of Artificial Sequence:MPrl217

839 promoter

W--> 841 <220> FEATURE:

W--> 842 <221> NAME/KEY: misc_feature

W--> 843 <222> LOCATION: (8)..(15)

W--> 844 <223> OTHER INFORMATION: G-like box

W--> 846 <220> FEATURE:

W--> 847 <221> NAME/KEY: enhancer

W--> 848 <222> LOCATION: (40)..(77)

W--> 849 <223> OTHER INFORMATION: Enhancer box

W--> 851 <220> FEATURE:

W--> 852 <221> NAME/KEY: misc_feature

W--> 853 <222> LOCATION: (102)..(109)

RAW SEQUENCE LISTING

DATE: 09/17/2004

PATENT APPLICATION: US/09/870,375A

TIME: 09:55:41

Input Set : A:\final seq listing.TXT

Output Set: N:\CRF4\09172004\I870375A.raw

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W--> 856 <220> FEATURE:
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W--> 858 <222> LOCATION: (134)..(171)
W--> 859 <223> OTHER INFORMATION: Enhancer box
W--> 861 <220> FEATURE:
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W--> 863 <222> LOCATION: (197)..(204)
W--> 864 <223> OTHER INFORMATION: G-like box
W--> 866 <220> FEATURE:
W--> 867 <221> NAME/KEY: enhancer
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W--> 869 <223> OTHER INFORMATION: Enhancer box
W--> 871 <220> FEATURE:
W--> 872 <221> NAME/KEY: TATA_signal
W--> 873 <222> LOCATION: (385)..(391)
W--> 874 <223> OTHER INFORMATION: TATA box
W--> 876 <220> FEATURE:
W--> 877 <221> NAME/KEY: misc_feature
W--> 878 <222> LOCATION: (415)
W--> 879 <223> OTHER INFORMATION: Transcription Initiation Site
E--> 881 <210> SEQ ID NO:
E--> 881 <400> SEQUENCE: 22
882 acgccgatta cgtggcttta gcagactgtc caaaaatctg ttttgcaaag ctccaattgc 60
883 tccttgctta tccagcttct tttgtgttg tctagacgcg attacgtggc tttagcagac 120
884 tgtccaaaaa tctgttttgc aaagctccaa ttgctccttg cttatccagc ttcttttgtg 180
885 ttggtctaga cgccgattac gtggcttttag cagactgtcc aaaaatctgt tttgcaaagc 240
886 tccaattgct ccttgcttat ccagcttctt ttgtgttggc aaactgcgct tttccaaccg 300
887 attttgttct tctcgcgctt tcttcttagg ctaaacaacac ctcaccgtgc acgcagccat 360
888 ggtcctgaac cttcacctcg tccctataaa agcctagcca accttcacaa tcttatcatc 420
889 acccacaaca ccgagcacca caaactagag atc 453
E--> 891 <210> SEQ ID NO: 23
892 <211> LENGTH: 83
893 <212> TYPE: DNA
894 <213> ORGANISM: Artificial Sequence
896 <220> FEATURE:
897 <223> OTHER INFORMATION: Description of Artificial
898 Sequence:Oligodesoxynucleotide
900 <400> SEQUENCE: 23
901 tacgaattcc tcgacatggt tagaagtttt gagtgccgcc actactcgac atgggtagaa 60
902 gttttgagtg gccgtagatt tgc 83

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09/870,375A

4

change to

2107

<400> 22

<211> 453

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:MPrl217
promoter

<220>

<221> misc_feature

<222> (8)..(15)

<223> G-like box

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/870,375A

DATE: 09/17/2004
TIME: 09:55:42

Input Set : A:\final seq listing.TXT
Output Set: N:\CRF4\09172004\I870375A.raw

Skipped Sequences(NEW RULES):

Sequence(s) __missing. If intentional, please use the following format for each skipped sequence.

<210> sequence id number

<400> sequence id number

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Seq#:22

VERIFICATION SUMMARY

DATE: 09/17/2004

PATENT APPLICATION: US/09/870,375A

TIME: 09:55:42

Input Set : A:\final seq listing.TXT

Output Set: N:\CRF4\09172004\I870375A.raw

L:608 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:96 SEQ:16
 L:832 M:282 E: Numeric Field Identifier Missing, <210> is required.
 L:832 M:282 E: Numeric Field Identifier Missing, <211> is required.
 L:832 M:282 E: Numeric Field Identifier Missing, <212> is required.
 L:832 M:282 E: Numeric Field Identifier Missing, <213> is required.
 L:832 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:21 differs:22
 L:832 M:301 E: (44) No Sequence Data was Shown, SEQ ID:0
 L:837 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:838 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:841 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:842 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:843 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:844 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:846 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:847 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:848 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:849 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:851 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:852 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:853 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:854 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:856 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:857 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:858 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:859 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:861 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:862 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:863 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:864 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:866 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:867 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:868 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:869 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:871 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:872 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:873 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:874 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:876 M:281 W: Numeric Fields not Ordered, <220> not ordered!.
 L:877 M:281 W: Numeric Fields not Ordered, <221> not ordered!.
 L:878 M:281 W: Numeric Fields not Ordered, <222> not ordered!.
 L:879 M:281 W: Numeric Fields not Ordered, <223> not ordered!.
 L:881 M:282 E: Numeric Field Identifier Missing, <210> is required.
 L:881 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:21 differs:22
 L:891 M:214 E: (33) Seq.# missing, SEQ ID NO:22
 L:1100 M:112 C: (48) String data converted to lower case,
 L:1102 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
 L:15 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (38) Counted (39)